

Comparisons of Job Characteristics

Focus Occupation: [Sawing Machine Setters, Operators, and Tenders, Wood \(51-7041\)](#)

Associated Occupation: [Log Graders and Scalers \(45-4023\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 51

Focus Occupation: Sawing Machine Setters, Operators, and Tenders, Wood (51-7041)

Associated Occupation: Log Graders and Scalers (45-4023)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mathematics	9.2	14.0	9.1	<<	Extensive education and/or training may be required
Production and Processing	6.0	11.6	9.8	<	Expanded education and/or training may be required
Administration and Management	8.4	10.1	5.6	<<	Extensive education and/or training may be required
Sales and Marketing	5.2	7.4	2.5	<<	Extensive education and/or training may be required
Transportation	4.6	6.4	3.1	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 39

Focus Occupation: Sawing Machine Setters, Operators, and Tenders, Wood (51-7041)

Associated Occupation: Log Graders and Scalers (45-4023)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Judgment and Decision Making	9.4	9.7	7.2	<<	Extensive development of skills in this area may be required
Mathematics	6.2	7.9	3.4	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 79

Focus Occupation: Sawing Machine Setters, Operators, and Tenders, Wood (51-7041)

Associated Occupation: Log Graders and Scalers (45-4023)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Near Vision	11.1	11.8	10.3	<	Some improvement in abilities may be required
Oral Comprehension	12.5	11.6	9.8	<	Some improvement in abilities may be required
Oral Expression	12.4	11.6	9.8	<	Some improvement in abilities may be required
Problem Sensitivity	11.1	10.8	8.8	<	Some improvement in abilities may be required
Category Flexibility	9.0	10.3	8.2	<	Some improvement in abilities may be required
Deductive Reasoning	10.6	9.5	8.0	<	Some improvement in abilities may be required
Inductive Reasoning	10.2	9.5	8.0	<	Some improvement in abilities may be required
Written Expression	9.8	9.4	6.7	<<	Extensive improvement in abilities may be required
Visual Color Discrimination	6.4	8.5	6.2	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	5.6	2.8	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Sawing Machine Setters, Operators, and Tenders, Wood (51-7041)

Associated Occupation: Log Graders and Scalers (45-4023)

Work Activities	Exclusivity of Activity
Grade, classify, or sort products according to specifications	74
Measure, weigh, or count products or materials	17
Recognize wood species characteristics	78
Understand technical operating, service or repair manuals	6

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Sawing Machine Setters, Operators, and Tenders, Wood (51-7041)
Associated Occupation: Log Graders and Scalers (45-4023)

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.